

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1 (Currently Amended) A method for increasing ease-of-use and bandwidth utilization in a wireless device capable of accessing a communication network, comprising the steps of:
 - (a) maintaining a database of web site identifiers that are categorized by environmental factors;
 - (b) receiving environment information by a network server about the wireless device's environment;
 - (c) querying the database using the environment information to determine particular web sites most likely to be requested by a user of the wireless device in that environment, wherein the particular web sites are determined by examining prior patterns of access of web sites in the environment of the wireless device by users of the communication network; and
 - (d) pushing identifiers of the particular web sites identified to be most likely to be requested to the wireless device for selection by the user, wherein server policies determine which web site identifiers are sent to the device ~~the of; and~~
 - (e) ~~automatically pushing content from one or more of the identified web sites to the device in times when bandwidth is not in use to speed responsiveness of the device.~~
- 2 (Original) The method of claim 1 further including the step of providing geographic location as the environment information.

- 3 (Original) The method of claim 1 further including the step of providing local weather as the environment information.
- 4 (Original) The method of claim 1 further including the step of providing time and date as the environment information.
- 5 (Original) The method of claim 1 further including the step of personalizing which identifiers are pushed based on personalization information.
- 6 (Original) The method of claim 1 further including the step of providing URLs as the identifiers.
- 7 (Original) The method of claim 1 further including the step of sending a location specific welcome page (LSWP) to the wireless device for display.
- 8 (Original) The method of claim 1 further including the step of pushing keyword URLs to the wireless device for speech recognition matching.
- 9 (Currently Amended) A system for increasing ease-of-use and bandwidth utilization in a wireless device capable of accessing a communication network, comprising:
database means for storing web site identifiers that are categorized by environmental factors;
network server means for receiving environment information about the wireless device's environment;

means for querying the database using the environment information to determine
particular web sites most likely to be requested by a user of the wireless device in
that environment, wherein the particular web sites are determined by examining
prior patterns of access of web sites in the environment of the wireless device by
users of the communication network; and
means for pushing identifiers of the particular web sites identified to be most likely to be
requested to the wireless device for selection by the user, wherein server policies
determine which web site identifiers are sent to the device; ~~and~~
~~means for automatically pushing content from one or more of the identified web sites to~~
~~the device in times when bandwidth is not in use to speed responsiveness of the~~
~~device.~~

- 10 (Original) The system of claim 9 wherein the environment information comprises
geographic location.
- 11 (Original) The system of claim 9 wherein the environment information comprises local
weather.
- 12 (Original) The system of claim 9 wherein the environment information comprises time
and date.
- 13 (Original) The system of claim 9 further including means for personalizing which
identifiers are pushed based on personalization information.

- 14 (Original) The system of claim 9 wherein the identifiers comprise URLs.
- 15 (Original) The system of claim 9 wherein a location specific welcome page (LSWP) is sent to the wireless device for display.
- 16 (Original) The system of claim 9 wherein keyword URLs are pushed to the wireless device for speech recognition matching.
- 17 (Currently Amended) A computer-readable medium containing program instructions for increasing ease-of-use and bandwidth utilization in a wireless device capable of accessing a communication network, the program instructions for:
- (a) maintaining a database of web site identifiers that are categorized by environmental factors;
 - (b) receiving environment information by a network server about the wireless device's environment;
 - (c) querying the database using the environment information to determine particular web sites most likely to be requested by a user of the wireless device in that environment, wherein the particular web sites are determined by examining prior patterns of access of web sites in the environment of the wireless device by users of the communication network; and
 - (d) pushing identifiers of the particular web sites identified to be most likely to be requested to the wireless device for selection by the user, wherein server policies determine which web site identifiers are sent to the device; and
 - ~~(e) automatically pushing content from one or more of the identified web sites to the device in times when bandwidth is not in use to speed responsiveness of the device.~~

- 18 (Original) The computer-readable medium of claim 17 further including the instruction of providing geographic location as the environment information.
- 19 (Original) The computer-readable medium of claim 17 further including the instruction of providing local weather as the environment information.
- 20 (Original) The computer-readable medium of claim 17 further including the instruction of providing time and date as the environment information.
- 21 (Original) The computer-readable medium of claim 17 further including the instruction of personalizing which identifiers are pushed based on personalization information.
- 22 (Original) The computer-readable medium of claim 17 further including the instruction of providing URLs as the identifiers.
- 23 (Original) The computer-readable medium of claim 17 further including the instruction of sending a location specific welcome page (LSWP) to the wireless device for display.
- 24 (Original) The computer-readable medium of claim 17 further including the instruction of pushing keyword URLs to the wireless device for speech recognition matching.
- 25 (Original) A method for generating and updating a URL database for providing a environment sensitive user interfaces on wireless devices capable of accessing the

Internet, comprising the steps of:

- (a) collecting information indicating which URLs are accessed by the wireless devices in what environments and categorizing the URLs according to environment;
- (b) analyzing the information collected for each environment for patterns of use; and
- (c) forming a location URL database from the patterns of use.

26 (Original) The method of claim 25 further including the step of:

d) in response to determining a wireless device 's environment, automatically transmitting URLs to the wireless device that will most likely be of interest to a user in that environment.

27 (Original) The method of claim 25 further including the step of providing geographic location as the environment information.

28 (Original) The method of claim 25 further including the step of providing local weather as the environment information.

29 (Original) The method of claim 25 further including the step of providing time and date as the environment information.

30 (Original) The method of claim 25 further including the step of personalizing which identifiers are pushed based on personalization information.

31 (Cancelled)

32 (Cancelled)

33 (Cancelled)

34 (Cancelled)

35 (Cancelled)

36 (Cancelled)

37 (Cancelled)

38 (Cancelled)

39 (Cancelled)

40 (Cancelled)

41 (Cancelled)

42 (Cancelled)

43 (Cancelled)

44 (Cancelled)

45 (Cancelled)

46 (Cancelled)

47 (Cancelled)

48 (Cancelled)

49 (Cancelled)

50 (Cancelled)

51 (Original) A system for providing a location sensitive user interface to wireless devices,
comprising:

a communication network;

a service provider;

a plurality of wireless devices in communication with the communication network through the
service provider;

a location URL database; and

a server in communication with the communication network for generating and updating the

location URL database by:

collecting information from the wireless devices indicating which URLs are accessed from the

wireless devices at what locations and categorizing the URLs according to location,

analyzing the information collected for each location for patterns of use, and

forming a location URL database from the patterns of use.

52 (Original) The system of claim 51 wherein the server automatically transmits URLs to each of the wireless devices that will most likely be of interest to a user at a geographic location of each respective device.

53 (Original) The system of claim 52 wherein the location information is collected from service provider of each of the wireless devices.

54 (Original) The system of claim 52 wherein the server categorizes the URLs according to type of location.

55 (Original) The system of claim 52 wherein the server assigns the URLs most widely accessed in any given location a higher priority.

56 (Original) The system of claim 51 wherein the server analyzes the access patterns according to other factors including at least one of time, weather, user preferences, and patterns of use in similar locations.

- 57 (Original) The system of claim 51 wherein the server performs the pattern of use analysis in real-time.
- 58 (Original) The system of claim 51 wherein the patterns of use are used to update the location URL database.
- 59 (New) The method of claim 1 further comprising (e) automatically pushing content from one or more of the identified web sites to the device in times when bandwidth is not in use to speed responsiveness of the device.
- 60 (New) The method of claim 1 wherein the web site identifiers pushed to the wireless devices are augmented with identifiers for web sites accessed from an environment similar to the environment of the wireless device.
- 61 (New) The method of claim 1 wherein the web site identifiers most likely to be requested are for web sites which have been most frequently requested by the users accessing the communication network when located in the current environment of the wireless device.
- 62 (New) The method of claim 1 wherein the web site identifiers are categorized in types of environments by collecting information from a service provider of the communications network, the server analyzing the collected information for each environment for patterns of use by the users accessing the communications network, wherein the information indicates which web sites have been accessed from which environments by a plurality of

wireless devices of the communications network.

63 (New) The system of claim 9 further comprising means for automatically pushing content from one or more of the identified web sites to the device in times when bandwidth is not in use to speed responsiveness of the device.

64 (New) The system of claim 9 wherein the web site identifiers most likely to be requested are for web sites which have been most frequently requested by the users accessing the communication network when located in the current environment of the wireless device.

65 (New) The system of claim 9 wherein the web site identifiers are categorized in types of environments by collecting information from a service provider of the communications network, the server analyzing the collected information for each environment for patterns of use by the users accessing the communications network, wherein the information indicates which web sites have been accessed from which environments by a plurality of wireless devices of the communications network.

66 (New) The computer-readable medium of claim 17 further comprising (e) automatically pushing content from one or more of the identified web sites to the device in times when bandwidth is not in use to speed responsiveness of the device.

67 (New) The computer-readable medium of claim 17 wherein the web site identifiers most likely to be requested are for web sites which have been most frequently requested by the users accessing the communication network when located in the current environment of

the wireless device.

68 (New) The computer-readable medium of claim 17 wherein the web site identifiers are categorized in types of environments by collecting information from a service provider of the communications network, the server analyzing the collected information for each environment for patterns of use by the users accessing the communications network, wherein the information indicates which web sites have been accessed from which environments by a plurality of wireless devices of the communications network.

69 (New) The method of claim 25 wherein the patterns of use are prior patterns of access of web sites in the environments of the wireless devices by users of the wireless devices.

70 (New) The method of claim 69 wherein the analyzing the information for prior patterns of access include analyzing for web sites which have been most frequently requested by the users using the wireless devices when located in the categorized environments.

71 (New) The method of claim 25 wherein the information is collected from a service provider coupled to the Internet and communicating with the wireless devices, wherein the collected information indicates which web sites have been accessed from which environments by the wireless devices.

72 (New) The method of claim 51 wherein the patterns of use are prior patterns of access of web sites at the locations of the wireless devices by users of the wireless devices.